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ANNUAL REPORT

ON THE
Health & Sanitary Conditions

OF THE DISTRICT

FOR THE YEAR 1941

BY

C. C. HARGREAVES, M.B., D.P.H.

(MEDICAL OFFICER OF HEALTH)

AND

G. HORN,

C.R.San.I., C. Meat Inspection R.S.I., M.S.I.A.

(SANITARY INSPECTOR).

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Garforth Urban District Council

Chairman of the Council:

County Councillor J. W. SIMPSON, J.P.

Vice-Chairman :

Councillor E. LINLEY.

Public Health Committee :

Chairman—Councillor T. Hopkinson.

Vice-Chairman—Councillor P. L. Wilson.

Councillor E. Linley	Councillor G. Prince
Councillor R. B. Holt, J.P.	Councillor G. W. Young
Councillor H. Chappel	Councillor G. W. Tinker
Councillor J. Kilburn.	

Medical Officer of Health :

Dr. C. C. Hargreaves, M.B., D.P.H.

Sanitary Inspector :

George Horn,
C.R.San.I., C. Meat Inspection R.S.I., M.S.I.A.

Clerk to the Council:

B. G. Taylor.

Garforth Urban District Council

COUNCIL OFFICES,

GARFORTH.

ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE YEAR 1941.

Mr. Chairman and Gentlemen,

I have the honour to submit to you my Annual Report on the Health and Sanitary Administration of the Urban District for the year 1941. Incorporated with it is the report of the Sanitary Inspector.

The Report is an "ordinary" report and therefore mainly statistical.

I desire to express my thanks to the Chairman and Members of the Public Health Committee and also the Staff of the Department for their co-operation.

GENERAL STATISTICS.

Area (acres)	...	...	...	4,000
Population	...	...	...	11,810
The number of inhabited houses				
according to the rate book	...	...	...	3,468
Rateable Value	...	...	...	£46,201
Sum represented by Penny Rate. £179/16/10				

SOCIAL CONDITIONS.

The District is mostly residential in character and we have one working colliery. The majority of the population find employment in adjacent collieries and factories.

EXTRACTS FROM THE VITAL STATISTICS OF THE YEAR 1941.

LIVE BIRTHS:—			Total	Male	Female
Legitimate	...	...	210	100	110
Illegitimate	...	...	7	3	4

Birth rate per 1,000 of the estimated resident
population 18.4

STILL BIRTHS:—			Total	Male	Female
Legitimate	...	...	6	3	3
Illegitimate	...	...	0	0	0

Rate per 1,000 population 0.51

Rate per 1,000 Total (Live and Still) Births, 26.9

DEATHS OF INFANTS

Under one year of age per 1,000 births :—

			Total	Male	Female
Legitimate	...	...	15	8	7
Illegitimate	...	...	3	1	2

Rate per 1,000 Births, 77.2.

Number of women dying in, or in consequence of
child birth:—NIL.

DEATHS FROM ALL CAUSES :—

Total	Male	Female
146	72	74

Death rate per 1,000 of the estimated resident
population, 12.4.

Remarks on Total Statistics: The Birth Rate of 18.4 for 1941 shows a increase on the previous year which was 14.2.

The following is a table showing the Birth Rate for the past five years :

Year	•	Garforth		England & Wales
1937	...	17.7	...	14.9
1938	...	14.7	...	15.1
1939	...	17.5	...	15.0
1940	...	14.2	...	14.6
1941	...	18.4	...	14.2

Death Rate:—The Death Rate of 12.4 shows a slight increase on that of the previous year, which was 11.5. For England and Wales, the Death rate for 1941 was 12.9. It will be noted that the Birth Rate is well above the Death Rate.

The following is a table showing the Death Rate for the past five years:—

Year		Garforth		England & Wales
1937	...	17.2	...	12.4
1938	...	8.8	...	11.6
1939	...	11.34	...	12.1
1940	...	11.5	...	14.3
1941	...	12.4	...	12.9

Chief Causes of Death:—These included 22 from Cancer, 52 from Cardio-vascular diseases, 18 from Respiratory diseases other than Tuberculosis, 4 deaths from Tuberculosis, which include 3 from Respiratory and 1 from Non-Respiratory.

A detailed list of Causes of Death is printed in this report.

Infantile Mortality:—The Death Rate of Infants under one year of age per 1,000 births shows an increase over recent years. The Rate for England and Wales for 1941 was 59.

The following is a table showing the Death Rate of Infants under one year of age per 1,000 births:—

Year		Garforth		England & Wales
1937	...	74.6	...	58.0
1938	...	35.7	...	53.0
1939	...	46.5	...	50.0
1940	...	47.9	...	55.0
1941	...	77.2	...	59.0

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

It will be noted that there was an increase in the number of Diphtheria cases reported during 1941. I am still stressing the advisability of all children being immunised. I regret that the benefit of being immunised is not being taken advantage of to the extent that it might be.

Small Pox : No cases of Small Pox were reported in the Council's area.

Measles : There was a small amount of measles during the past year, but no deaths resulted.

Whooping Cough : There was a moderate amount of this disease during 1941 resulting in one death.

Summer Diarrhoea : There was a small amount of this disease during 1941 and one death resulted.

Influenza : There was the usual amount of influenza during the past year, but no epidemic : unfortunately three deaths resulted.

Tuberculosis : Seven new cases of Tuberculosis were reported during the year, 5 Pulmonary and 2 Non-Pulmonary. There were 3 deaths from Pulmonary Tuberculosis and 1 death from Non-Pulmonary Tuberculosis.

Ophthalmia Neonatorum : No cases reported.

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1941.

Disease				Total cases notified	Cases admitted Hospital	Total Deaths
Small Pox	...	...	...	—	—	—
Scarlet Fever	...	...	...	17	17	—
Diphtheria	...	...	...	19	19	1
Enteric Fever (Paratyphoid)				—	—	—
Puerperal Fever	...	...		—	—	—
Puerperal Pyrexia	...	...		1	—	—
Pneumonia	...	..	...	2	—	—
Erysipelas	...	...	...	2	—	—
Polioencephalitis	...	...		—	—	—
Meningitis	...	...	...	—	—	—
Ophthalmia Neonatorum			...	—	—	—
Cerebro-Spinal Fever			...	1	—	—
Encephalitis Lethargica			...	—	—	—
Measles	...	...	...	11	—	—
Whooping Cough	...	...	...	49	—	1
Totals	...	...	...	102	36	2

The following is a list showing the prevalence of Scarlet Fever & Diphtheria during the last 6 years.

Year	CASES NOTIFIED				DEATHS			
	Scarlet Fever		Diphtheria		Scarlet Fever		Diphtheria	
1935	..	4	...	5	...	1	...	1
1936	...	4	...	5	...	—	...	1
1937	...	17	...	50	...	—	...	1
1938	...	3	...	7	...	—	...	—
1939	...	18	...	—	...	—	...	1
1940	...	22	...	5	...	—	...	—
1941	...	17	...	19	...	—	...	1

NOTIFIABLE DISEASES—(continued.)

Age Periods	Smallpox	Scarlet Fever	Diphtheria and Croup	Enteric Fever incl Paratyphoid	Puerperal Pyrexia	Pneumonia	Erysipelas	Acute Enceph- alitis	Lethargica	Total
0
1
2	...	2	1	...	...	...	...	...	3	3
3	...	2	...	...	...	...	...	...	2	2
4	...	1	1	...	...	...	...	...	2	2
5	...	4	1	...	...	...	...	...	5	5
10	...	2	8	...	...	...	...	...	10	10
15	...	3	8	...	...	...	...	...	11	11
20	...	3	...	...	...	...	...	...	..	..
25	...	3	...	...	...	1	2	...	6	6
45	1	...	...	1	1
65 and over...
Totals	...	17	19	...	...	2	2	...	...	40

The number of cases notified during the year 1941 was 108, including 7 new cases of Tuberculosis, 11 Measles, and 49 Whooping Cough. During the year one death resulted after an attack of Whooping Cough, and one death from an attack of Diphtheria (the patient was not immunised).

NEW CASES OF TUBERCULOSIS AND MORTALITY DURING THE YEAR 1941,

Age Periods	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	Male	Female	Male	Female	Male	Female	Male	Female
0
1
5	...	1	1	...	...	...	...	...
15	...	2	1	...	1	...	...	...
25	1	...	...	...	...	1	...	1
35
45	...	1	...	...	1	...	...	...
55
65 and upwards
Totals	1	4	2	...	2	1	...	1

CAUSES OF DEATH IN THE GARFORTH URBAN DISTRICT 1941.

Cause of Death	Males	Females	Cause of Death	Males	Females
ALL CAUSES	72	74			
1 Typhoid and paratyphoid Fevers ... ..	...	...	30 Other Maternal causes ...	...	1
2 Measles ... ..	...	...	31 Congenial debility, premature birth, malformations, &c.	5	4
3 Scarlet Fever ... ..	...	...	32 Senility ... ..	...	...
4 Whooping Cough ... ..	...	1	33 Suicide ... ..	...	...
5 Diphtheria ... ..	...	1	34 Other Violence ... ..	...	2
6 Influenza	2	1	35 Other defined diseases ...	12	7
7 Encephalitis lethargica ...	...	...	36 Causes ill-defined or unknown ... ..	...	...
8 Cerebro-spinal fever ...	1	...	37 Diarrhœa (2 years & over) ...	...	...
9 Tuberculosis or respiratory system	2	1			
10 Other tuberculosis diseases ...	...	1	Special Cause- (included in No. 35 above) ... ..	...	...
11 Syphilis	1	...	Smallpox ... ..	...	...
12 General paralysis of the insance, tabes dorsalis ...	...	...	Poliomyelitis ... ..	...	...
13 Cancer, malignant disease ...	11	11	Polioencephalitis ... ..	...	...
14 Diabetes	1	1			
15 Cerebral hemorrhage, &c... ..	7	18	Deaths of Infants under 1 year—		
16 Heart disease	11	10	Total	9	9
17 Aneurysm ... ..	...	...	Legitimate	8	7
18 Other circulatory diseases ...	6	...	Illegitimate	1	2
19 Bronchitis	2	4			
20 Pneumonia (all forms) ...	3	6	Live Births—		
21 Other respiratory diseases ...	1	2	Total	103	114
22 Peptic Ulcer ... ..	...	...	Legitimate	100	110
23 Darrhoea, &c. (under 2 years)	1	...	Illegitimate	3	4
24 Appendicitis ... ..	...	1			
25 Cirrhosis of liver ... ..	...	...	Stillborn—		
26 Other diseases of liver, &c. ...	...	...	Total	3	3
27 Other digestive diseases ...	5	...	Legimate	3	3
28 Acute and chronic nephritis ...	1	2	Illegitimate ... ..	...	...
29 Puerperal sepsis ... ..	...	...	Population	11,810	

GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA.

Public Health Officers of the Local Authority.

The Staff consists of the Medical Officer of Health and the Sanitary Inspector. The Medical Officer of Health is a part-time Officer. One-half of the salaries of these officials is recovered from the County Council. The Local Authority provides clerical assistance.

CLINICS AND TREATMENT CENTRES.

Name		Situation.
Maternity & Child		
Welfare Centres	W.R.C.C.	Garforth Kippax Allerton Bywater.
Tuberculosis		Garforth T.B.
Clinic.	W.R.C.C.	Dispensary
V.D Clinic.	General	
	Infirmery	Leeds

CHILD WELFARE CENTRES.

These Centres are under the control of the W.R.C.C. The mothers attend regularly, and derive particular benefit from the advice given by the staff regarding the Feeding and Welfare of their infants.

School Children are also seen at these Centres where minor ailments are given attention.

SCABIES.

During the War period Scabies has been more prevalent than formerly. In addition to the treatment received at the Child Welfare Centres, facilities are now provided for the treatment of the more persistent cases at the First Aid Post at Kippax.

LABORATORY FACILITIES.

Bacteriological examinations are undertaken by the West Riding County Council Analysts Department by arrangement with the County Council.

AMBULANCE FACILITIES.

(a) **For Infectious Diseases.**

We have an arrangement with the Tadcaster Rural District Council for the use of their Ambulance, which is kept at the Isolation Hospital, Garforth.

(b) For Non-Infectious, Maternity and Accident Cases.

The Council own a modern motor ambulance for these cases at a fixed charge.

Kippax St. John and Miners' Welfare also serve the district with a modern well-equipped ambulance.

PROFESSIONAL NURSING IN THE HOME.

(a) General.

The Garforth District Nursing Association continues to do useful work in the area. The services of a qualified District Nurse are available in general and midwifery nursing.

There is no District Nursing Association in Kippax or Allerton Bywater. A need for a District Nurse is often felt.

County Council midwives are in practice over the whole area.

(b) Infectious Diseases. None.

HOSPITALS.

For Infectious diseases we have an arrangement with the Tadcaster Rural District for the use of the Isolation Hospital at Garforth Cliff, at a fixed charge.

Mortuaries.

The Council owns two Mortuaries; one is situated adjoining the Council's premises in Garforth and the other adjoining the Council Offices in Allerton Bywater.

SANITARY CIRCUMSTANCES OF THE AREA.

Water: The Water is purchased in bulk from the Leeds Corporation; it is of an exceptionally high degree of purity. There has been an adequate and constant supply throughout the year.

Analytical results obtained in the Corporation's Laboratories are as follows:—

Chemical Analysis :—	Parts per 1,000,000	Average No. of Grains per gallon
Total Solids dried at 100°C. ...	10.2	7.1
Residue on Ignition ...	7.7	5.4
Nitrogen as free and saline ammonia ...	.0029	.0021
Nitrogen as albuminoid ammonia ...	.0061	.0043
Nitrogen as nitrites ...	Trace	Trace
Nitrogen as Nitrates ...	.05	.07
Chlorine present as chloride ...	1.0	.7
Oxygen obsorbed in 4hrs. at 20°C ...	.191	.134
Temporary Hardness as calcium Carbonate ...	2.3	1.6
Permanent hardness as calcium sulphate ...	3.6	2.5
Lead ...	Nil	Nil
pH (Lovibond) ...	7.8	7.8

Bacteriological Examination.

B. Coli was absent in	Quantity	Sample
100%	10 c.c.	Water
92%	50 c.c.	Water
84%	90 c.c.	Water

DRAINAGE AND SEWERAGE.

The majority of the drainage is by piped sewers, discharging into the sewage disposal works.

The remaining houses in the area unconnected to our disposal works are situated in the outlying parts of the district.

The drains and sewers were flushed and disinfected regularly during the year and in the case of new houses water carriage system only is entertained.

Every effort has been made to keep the effluent at the sewage disposal works up to the Rivers Board's requirements.

CLOSET ACCOMMODATION.

No. of privies with open Ashpit	...	—
No. of Pail or Tub Closets	...	4
Privies with covered Middens	...	862
No. of Water Closets	...	2556
No. of Chemical Closets	...	4

Public Conveniences: There are modern underground Public Conveniences provided consisting of 3 w.c.'s and 1 urinal. During the past years there has also been provided 2 w.c.'s in the Garforth Church yard to which the public have access.

PUBLIC CLEANSING.

Scavenging and Refuse Disposal.

The Scavenging of Garforth Village is carried out by our own workmen.

Cleansing in Allerton Bywater and Kippax is carried out by contract labour.

The removal of house refuse during the past year was satisfactory. Any complaints received were promptly dealt with.

During the year regular inspections were carried out by the Sanitary Inspector and disinfectant powder is distributed free when required.

The refuse is easily disposed of on to agricultural land, and one half of the area's refuse is disposed of on to the Council's tip.

SCHOOLS.

The water supply to the schools continues to be adequate.

RECREATION GROUNDS.

Four Recreation Grounds are provided.

1. Adjoining the Housing Estate at East Garforth.
2. Barley Hill Road, Garforth.
3. Park Avenue, Kippax.
4. Allerton Bywater.

Numbers 2 and 3 Recreation Grounds have been constructed into modern playing fields. Full benefit is made of these.

Eradication of Bed Bugs.

During the year a number of houses were found to be infested. Each of the houses were fumigated with H.C.N. gas under pressure.

Before any tenant will be accepted by the Council their furniture and their home is thoroughly inspected by the Sanitary Inspector, and if bugs are discovered the tenant's furniture, etc., is removed in the van under liquid H.C.N. gas. The bedding is sent to the steam disinfecter.

All houses are visited from time to time and in this way the necessary education of the tenant is proceeded with.

HOUSING.

(a) Proceedings under Public Health Acts :—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ...	291
(2) Number of dwelling-houses in which defects were remedied after service of formal notices	113

The continuation of hostilities have prevented any further action being taken under the Housing Acts.

2. Number of new houses erected during 1940.

(a) By Local Authority	Nil
(b) By Private Enterprise	4
	—
Total	4
	—

3. Housing Conditions.

(1) Total number of houses in the District	3,468
(2) Number of working-class houses included in the above	3,123

- (3) General observations as to housing conditions, overcrowding, and shortage of houses. Housing conditions are very fair. We have no overcrowding in the village of Garforth, but unfortunately there are still many cases of definite overcrowding in the villages of Allerton Bywater and Kippax to be dealt with. These cases of overcrowding in all probability would have been relieved except for the outbreak of hostilities. There is an acute shortage of houses in most parts of the district.

4. Housing Act, 1936. Part IV. Overcrowding.

(a) 1. Number of dwellings overcrowded at the end of the year	...	...	54
2. Number of families dwelling therein			58
3. Number of persons dwelling therein			335
(b) Number of new cases of overcrowding reported during the year	...	...	Nil
(c) 1. Number of cases of overcrowding relieved during the year	...		2
2. Number of persons concerned in such cases	...	...	9
(d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	...		Nil
(e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report	...		Nil

INSPECTION AND SUPERVISION OF FOOD.

I. Milk and Dairies Order.

(1) Number of visits to Cowkeepers	...	...	100
(2) Number of Cowsheds visited	...	...	13
(3) Number of Milk Cows	...	...	85
(4) General Conditions and Type of Cow			Fair
(5) General Cleanliness of Cows	...		Good
(6) General Conditions of Sanitation			Good
(7) Chief Methods of Milk Disposal	...		Retailed Locally

The cowsheds as a whole are kept in a clean condition.

II. Water, Food, and Drugs.

Samples of water taken for analysis	Nil
Samples of water condemned as unfit for use	Nil
Seizure of unwholesome food 9 cwts. 1 stone	
Convictions for exposing or selling unwholesome food	Nil
Samples of food and drugs taken for analysis Milk)	2
Samples of food found adulterated	1

III. Other Foods.

Number of Samples (other than milk) taken by officers of L.A. for examination under the Food and Drugs (Adulteration) Act, 1928	Nil
Number found adulterated	Nil
Number of prosecutions	Nil
Number of bakehouses in the district	11
Total inspections	90
Number of underground bakehouses . . .	1

CHEMICAL AND BACTERIOLOGICAL EXAMINATION OF FOOD.

Examinations under this head are carried out by the West Riding County Council.

BUTCHERS' SHOPS & SLAUGHTERHOUSES.

During the period of Hostilities the majority of the Slaughtering is carried out in the Leeds Abattoir.

SHOPS ACT, 1934, Sections 10 and 13 (3).

There were 250 visits paid under the above Act during 1941, and 12 unsatisfactory conditions were found and remedied.

I am, Gentlemen,

Your obedient Servant,

CLAUDE C. HARGREAVES,

Medical Officer of Health.

SANITARY INSPECTOR'S REPORT.

Summary of work done in the Sanitary Inspector's
Department in the year 1941 :—

I.—Public Health Acts.—	No. of Informal Written Notices by Inspector	No. of Statutory Notices by Authority	No. of Nuisances abated after Notice.	General Remarks
Particulars.				
Dwelling Houses and Schools—				
Foul Conditions	13	1	14	Verminous and Filthy
Structural Defects	55	10	65	
Lodging Houses	Nil	"	Nil	Choked drains, neglect in Limewashing, un- clean utensils, etc.
Dairies and Milkshops				
Cowsheds	7	"	7	
Bakehouses	4	"	4	Choked drains and neglect in Limewash- ing, etc.
Slaughterhouses	Nil	"	Nil	
Ashpits and Privies	10		10	Converted to W.C.'s Too near to Buildings and Public Highways Choked Generally. and Burst Cistern
Deposits of Refuse and Manure	7	"	7	
Waterclosets	25	6	31	
Defective Yard Paving	Nil	"	Nil	
House Drainage—				Untrapped Sink Waste
Defective Traps	40		40	
No disconnection from Sewers	Nil	"	Nil	Connected to Sewer Insufficient pressure Insufficient cleansing and defective drainage
Defective Cesspools	Nil		"	
Water Supply		96	96	
Pigsties	5	"	5	
Animals improperly kept ...	Nil	"	Nil	
Offensive Trades	Nil	"	Nil	
Smoke Nuisances... ..	Nil	"	Nil	
Other Nuisances	Nil	"	Nil	
Nuisances outstanding from 1935				
Shops Acts	Nil	"	Nil	Insufficient ventilation and heating
Sanitary Accommodation ...	Nil	"	Nil	
Temperature	12	"	12	
Totals ...	178	113	291	

II.—Water, Food and Drugs.		Number	
Samples of Water taken for Analysis ...	Nil		
Do. condemned as unfit for use ...	Nil		
Seizures of Unwholesome Food ...	7 cwt. 1 stones		
Convictions for exposing or selling unwholesome food ...	Nil		
Samples of Food and Drugs taken for Analysis (Milk)... ...	2		
Samples of Food found adulterated ...	1		Cautioned
III.—Precautions against Infectious Diseases.		Number	
Lots of Infectious Bedding stoved ...	38		
Houses disinfected after infectious disease	38		
Schools do. do.	Nil		
Prosecutions for exposure of infected Persons or things ...	Nil		
Convictions for do. do.	Nil		
IV.—General.		Number	
Number of New Houses erected during the year ...	4		
Number of such houses occupied during the year ...	4		
Ash-pit Privies converted into Ash-closets	Nil		
Ashpit Privies converted into Water-Closets ...	10		
New W.C.'s to existing property ...	Nil		
Pail Closets converted into Water Closets	Nil		
Total Number of Water-closets in District	2,556		
Total Number of Ashpit Privies in the District ...	862		

1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES
Including Inspections made by the Sanitary Inspector during the year.

Premises. (1)	Number of		
	Inspections (2)	Written Notices (3)	Occupiers prosecuted (4)
Factories (including Factory Laundries) ...	45	...	...
Workshops (Including Workshop Laundries)	100	20 verbal	...
Workplaces (Other than Outworkers Premises) ... ..	...	...	...
Total ...	145	20	...

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND
WORKPLACES.

Particulars. (1)	Number of Defects			Number of offences in respect of which Prosecutions were instituted. (5)
	Found (2)	Remed- ied (3)	Referred to H.M. Inspector (4)	
Nuisances under the Public Health Acts :—				
Want of Cleanliness	8	8	...	...
Want of Ventilation	1	1	...	...
Overcrowding ... ..	...	...	...	...
Unreasonable Temperature ...	6	6	...	...
Ineffective Drainage of Floors ...	3	3	...	...
Sanitary Conveniences				
Insufficient ... ..	...	...	...	...
Unsuitable or Defective ...	2	2	...	...
Not Separate for Sexes ...	...	...	...	...
Total	20	20	...	...

GEORGE HORN,

C.R.SAN.I., C.R.SAN.I. (MEAT), M.S.I.A.,

Sanitary Inspector.

